

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 7784-000240/COA

First Inventor Christopher John McLain

Title METHOD AND APPARATUS USING A BINARY SEARCH PATTERN
FOR IDENTIFYING AN INTERFERING MOBILE TERMINAL

Express Mail Label No. EV 406 074 475 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 22]
(preferred arrangement set forth below)
- Descriptive title of the Invention ☒ Specification
- Cross References to Related Applications filed in English
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
5. Oath or Declaration [Total Pages]
a. ☐ Newly executed (original or copy)
b. ☒ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Non Publication under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: 10 / 008,199

Prior application information: Examiner Eugene Yun

Group / Art Unit: 2682

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label

27572

or ☐ Correspondence address below

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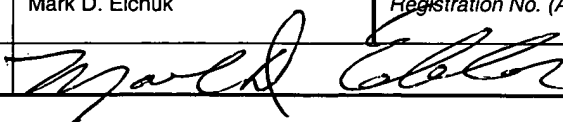
Name (Print/Type)

Mark D. Elchuk

Registration No. (Attorney/Agent)

33,686

Signature



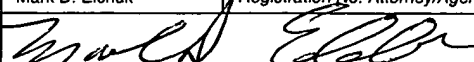
Date

February 9, 2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004		Complete if Known	
		Application Number	Unassigned
Patent fees are subject to annual revision.		Filing Date	Concurrent Herewith
		First Named Inventor	Christopher John McLain
		Examiner Name	Unassigned
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Art Unit	Unassigned
TOTAL AMOUNT OF PAYMENT (\$)		1028	Attorney Docket No. 7784-000240/COA

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)	
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None Order		3. ADDITIONAL FEES	
<input type="checkbox"/> Deposit Account: Deposit Account Number: 08-0750 Deposit Account Name: Harness, Dickey & Pierce, P.L.C.		Large Entity Small Entity	
The Director is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		Fee Code Fee (\$)	
1. BASIC FILING FEE		Fee Description Fee Paid	
Large Entity Small Entity		1051 130 2051 65 Surcharge - late filing fee or oath	
Fee Code Fee (\$)		1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet.	
1001 770 2001 385 Utility filing fee 770		1053 130 1053 130 Non-English specification	
1002 340 2002 170 Design filing fee		1812 2,520 1812 2,520 For filing a request for reexamination	
1003 530 2003 265 Plant filing fee		1804 920* 1804 920* Requesting publication of SIR prior to Examiner action	
1004 770 2004 385 Reissue filing fee		1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action	
1005 160 2005 80 Provisional filing fee		1251 110 2251 55 Extension for reply within first month	
SUBTOTAL (1) (\$ 770)		1252 420 2252 210 Extension for reply within second month	
2. EXTRA CLAIM FEES		1253 950 2253 475 Extension for reply within third month	
Total Claims 14 -20 ** = 0 X Fee from below = 0		1254 1,480 2254 740 Extension for reply within fourth month	
Independent Claims 6 -3 ** = 3 X 86 = 258		1255 2,010 2255 1,005 Extension for reply within fifth month	
Multiple Dependent X = 0		1401 330 2401 165 Notice of Appeal	
Large Entity Small Entity		1402 330 2402 165 Filing a brief in support of an appeal	
Fee Code Fee (\$)		1403 290 2403 145 Request for oral hearing	
1202 18 2202 9 Claims in excess of 20		1451 1,510 1451 1,510 Petition to institute a public use proceeding	
1201 86 2201 43 Independent claims in excess of 3		1452 110 2452 55 Petition to revive - unavoidable	
1203 290 2203 145 Multiple dependent claim, if not paid		1453 1,330 2453 665 Petition to revive - unintentional	
1204 86 2204 43 ** Reissue independent claims over original patent		1501 1,330 2501 665 Utility issue fee (or reissue)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		1502 480 2502 240 Design issue fee	
SUBTOTAL (2) (\$ 258)		1503 640 2503 320 Plant issue fee	
**or number previously paid, if greater; For Reissues, see above		1460 130 1460 130 Petitions to the Commissioner	
		1807 50 1807 50 Processing fee under 37 CFR 1.17 (q)	
		1806 180 1806 180 Submission of Information Disclosure Stmt	
		8021 40 8021 40 Recording each patent assignment per property (times number of properties)	
		1809 770 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a))	
		1810 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b))	
		1801 770 2801 385 Request for Continued Examination (RCE)	
		1802 900 1802 900 Request for expedited examination of a design application	
		Other fee (specify) _____	
		*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 0)	

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Mark D. Elchuk	Registration No. Attorney/Agent	33,686
Signature		Telephone	(248) 641-1600
		Date	February 6, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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